

# INTERNATIONAL SEARCH REPORT

Inte ~~rial~~ Application No  
PCT/GB2004/004251

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 E21B33/138

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C09K E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 797 575 A (DILL W,US ET AL) 19 March 1974 (1974-03-19) column 1, line 49 - column 2, line 11 claims 1-4	1-38
X	US 3 719 228 A (CARCIA C,US) 6 March 1973 (1973-03-06) column 2, line 20 - column 3, line 22 column 4, line 52 - line 58	1-38
A	US 4 525 285 A (SON ET AL) 25 June 1985 (1985-06-25) cited in the application column 5, line 20 - column 6, line 65	1-38
A	US 3 404 734 A (RAIFSNIDER PHILIP J ET AL) 8 October 1968 (1968-10-08) the whole document	1-38

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

3 February 2005

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21/02/2005

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 3797575	A	19-03-1974	NONE		
US 3719228	A	06-03-1973	CA US	969344 A1 3859107 A	17-06-1975 07-01-1975
US 4525285	A	25-06-1985	AU AU CA DE EP NO	559755 B2 3081184 A 1217322 A1 3476906 D1 0137683 A2 843250 A	19-03-1987 07-03-1985 03-02-1987 06-04-1989 17-04-1985 01-03-1985
US 3404734	A	08-10-1968	NONE		